

### ABSTRACT OF THE DISCLOSURE

The invention relates to a silicone composition which can be crosslinked by dehydrogenative condensation between reactive  $\equiv\text{SiH}$  and  $\equiv\text{SiOH}$  units and which employs a catalytic iridium complex capable of being obtained by reacting together:

- on the one hand, an iridium complex of formula (I):



in which:

A/ n is 1 or 2 and:

if n is 1,  $\Sigma$  is a 3-electron radical ligand LX,

if n is 2,  $\Sigma$  is a 1-electron radical ligand X which behaves like a 3-electron ligand LX with the two iridium atoms,

B/  $\Sigma'$ , which are identical or different, preferably identical, each represent a 2-electron ligand L,

- on the other hand, a ligand  $\Sigma_d$  chosen from  $\text{R}_2\text{S}$ ,  $\text{R}_2\text{O}$ ,  $\text{NR}_3$ , carbenes and organophosphorus compounds.